Listing of Claims (No Claims Currently Amended):

1. (Previously Presented) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:2-]-$_n$ wherein x is 5, 6, 7 or 8 and n is an integer between 1 and 4, or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:6-]-$_m$, wherein y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:2 is Pro-Glu-Gly and SEQ ID NO:6 is Glu-Gly, wherein the terminal region is the amino-terminal region.

2. (Canceled).

3. (Previously Presented) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:2-]-$_n$ wherein x is 5, 6, 7 or 8 and n is an integer between 1 and 4, or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:6-]-$_m$, wherein y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:2 is Pro-Glu-Gly and SEQ ID NO:6 is Glu-Gly, wherein the terminal region is the carboxyl-terminal region.

4. (Previously Presented) The protein of claim 1, wherein the polyanionic domain contains 10 to 30 anionic amino acid residues.

5. (Previously Presented) The protein of claim 1, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

6.-16. (Canceled).

17. (Previously Presented) The protein of claim 1, wherein x is 5.

18. (Previously Presented) The protein of claim 1, wherein x is 6.

19.-55. (Canceled).

56. (Original) A plurality of fusion proteins of claim 1.

57. (Previously Presented) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:7-]-$_n$ or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:8-]-$_m$, wherein x or y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and n or m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:7 is Pro-Asp-Gly and SEQ ID NO:8 is Asp-Gly, wherein the terminal region is the amino-terminal region.

58. (Previously Presented) The protein of claim 3, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

59. (Previously Presented) The protein of claim 57, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

60. (Previously Presented) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:7-]-$_n$ or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:8-]-$_m$, wherein x or y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and n or m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:7 is Pro-Asp-Gly and SEQ ID NO:8 is Asp-Gly, wherein the terminal region is the carboxyl-terminal region.

61. (Previously Presented) The protein of claim 60, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.